

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

I W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 11-12-63

OW _____ WW _____ TA _____

GW _____ OS _____ PA ✓

Location Inspected

Band released

State of Fee Land

LOGS FILED

Driller's Log 11-18-63

Electric Logs (No.) 3

E. _____ I. _____ E-I ✓ GR. _____ GR-N. _____ Micro. _____

Lat. _____ Mi-L _____ Sonic GR. ✓ Others Perforating Cable Control

LWP
8-23-91



TIDEWATER OIL COMPANY

B O X 1 2 3 1 , M I D L A N D , T E X A S

PRODUCTION DEPARTMENT

R. H. COE, DISTRICT MANAGER
H. G. WESBERRY, ASST. DISTRICT MANAGER
R. N. MILLER, DISTRICT ENGINEER
T. E. LILES, ADMINISTRATIVE ASST.

July 23, 1963

Mr. P. T. McGrath, District Engineer
United States Department of the Interior
Geological Survey
P. O. Box 959
Farmington, New Mexico

Dear Sir:

Attached is Form 9-331b, seven copies with Certified Plats being application for permit to drill Tidewater Oil Company Navajo "A" Well No.1, Section 9, T-42-S, R-26-E, San Juan County, Utah.

We have listed Superior Oil Company and Humble Oil & Refining Company Contract No. 14-20-603-365 on Form 9-331b as this lease is a farmout from the above companies to Tidewater. Designation of Operator executed by Superior and Humble are attached.

Very truly yours,

TIDEWATER OIL COMPANY

Original Signed by
J. M. AMIS

J. M. Amis
Civil Engineer

JMA:ge

Attachment

cc: 2 The State of Utah ✓

Oil & Gas Conversation Commission
310 Newhouse Building, 10 Exchange Place
Salt Lake City 11, Utah

- 1 - Mr. H. E. Berg - Houston
- 1 - John Cameron - Houston
- 1 - James Divilbiss - Durango
- 1 - H. J. Tuffly - Durango
- 1 - R. H. Coe - Midland

NOT 32 1963

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 42-R359.4.Indian Agency WindowRock, Arizona
Superior & Humble Contract

Allottee

Lease No. 14-80-603-365

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	X	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 23, 1963, 19Well No. A-1 is located 820 ft. from SM line and 820 ft. from E line of sec. 9

NW SE

Sec. 9
(1/4 Sec. and Sec. No.)T-42-S, R-26-E
(Twp.) (Range)SM
(Meridian)Marble Wash Area
(Field)San Juan
(County or Subdivision)Utah
(State or Territory)The elevation of the derrick floor above sea level is 4762 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing jobs, and all other important proposed work)

100' - 13-3/8" Conductor 7.1# J-55 - Cement
1700' - 8-5/8" Casing 21# J-55 - Cement (Contingent on water flow)
6000' - 4-1/2" Casing 9.5# J-55 - Cement
6000' - 2-3/8" Tubing 4.7# J-55

Name Anticipated Formations

Chinle
Permian
U. Hermosa
Bluff
Ismay
Desert Creek I
Desert Creek II
Desert Creek III

Est. Top

1670
2850
4700
5600
5680
5730
5730
5850
5850

Est. Base

2500
4690
5600
5680
5730
5730
5850
5850
5930

50' Core to be cut in Desert Creek II Zone. Two DST's - one each in Ismay and Desert Creek.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Tidewater Oil CompanyAddress Area Office, Box 517, Hobbs, New Mexico

Dist. Office, Box 1231, Midland, Texas

Division Office, Box 1404, Houston, Texas

Original signed by
J. M. ARIS

By

Authorized Employee

Title

Copy H-L

COMPANY Tidewater Oil Company

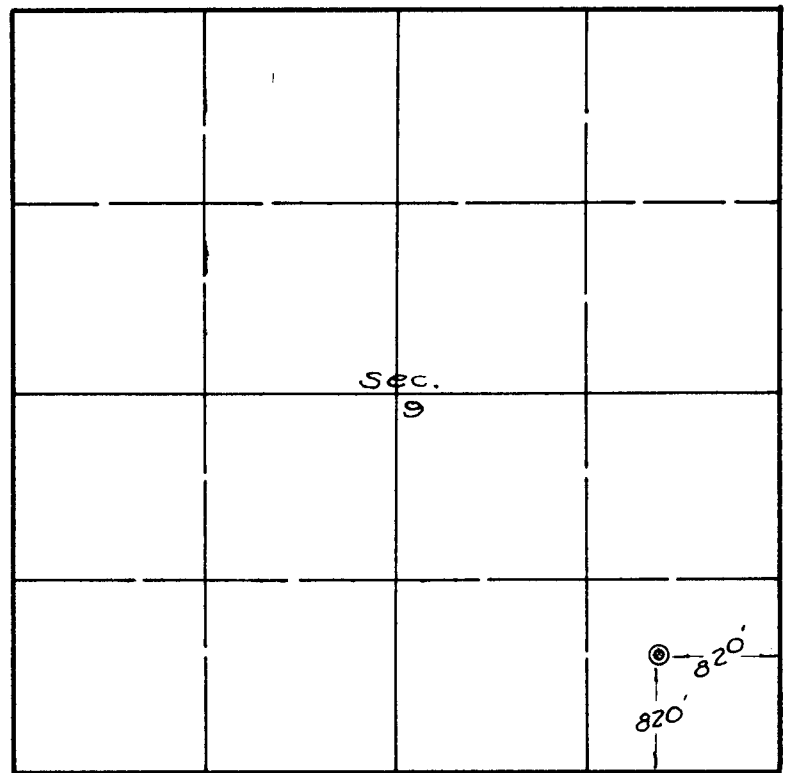
Well Name & No. Superior Navajo No. 1 "A" Lease No. _____

Location 820 feet from the South line and 820 feet from the East line.

Being in SE¹SE¹

Sec. 9, T42 ^{So.}~~N.~~, R26 ^{East}~~W.~~, ~~Range~~, Salt Lake Meridian, San Juan County, Utah.

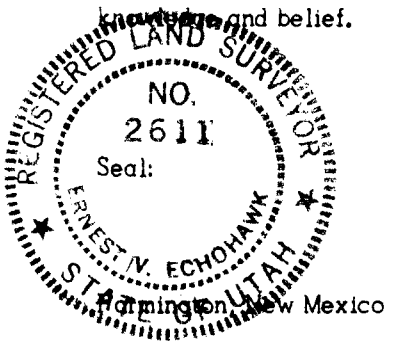
Ground Elevation 4762



Scale, 4" = 1 mile

Surveyed June 18, 19 63

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
N. M. Reg. #1545
Utah Reg. No. 2611

July 25, 1963

Tidewater Oil Company
P. O. Box 1231
Midland, Texas

Attention: J. M. Anis, Authorized Employee

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo #1A-1, which is to be located 820 feet from the south line and 820 feet from the east line of Section 9, Township 42 South, Range 26 East, S1E1, San Juan County, Utah

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2890
Salt Lake City, Utah

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed

July 25, 1963

if water sands (aquifers) are encountered while drilling,
particularly assessable near surface water sands.

Your cooperation with respect to completing this form will
be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

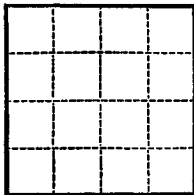
CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:kgw

Encls. (Forms)

cc: P.T. McGrath, District Engineer
U. S. Geological Survey
Farmington, New Mexico

H. L. Coonts, Petroleum Engineer
Oil & Gas Conservation Commission
Moab, Utah



Copy H. L. C.
(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R359.4.

Indian Agency Window Rock,
Arizona
Superior & Marble Contract
Allottee _____
Lease No. 14-20-603-365

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____	
NOTICE OF INTENTION TO ABANDON WELL _____		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Narajo 'A' August 12, 19 63

Well No. 1 is located 820 ft. from N line and 820 ft. from E line of sec. 9

SE 1/4 Sec. 9 42S 26E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Marble Wash Area San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4762 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Spudded @ 1:00 PM 8/9/63. Drilled to 131'. Set 13-3/8", 48# H-40, SR, STAC, SS, Casing @ 107' w/125 Sx of cement w/2% Cacl. Cement circulated. Plug down @ 1:05 AM 8/10/63. Casing was tested satisfactorily to 800#. Approx. 30' of cement was left in the casing. After 24 hrs. WOC the plug was drilled and careful observation showed the water shut off to be complete.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Tidewater Oil Co.

Address Box 1960, Durango, Colo.

Orig. & 2cc USGS, Farmington
2cc Utah OGC - Salt Lake
1cc Midland
1cc Film

By H. J. TUFFLY
Title Area Superintendent

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R359.4.

Indian Agency **Window Rock**
Arizona
Allottee **Superior & Marble Contract**
Lease No. **#14-20-603-365**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo A August 16, 1963

Well No. 1 is located 820 ft. from S line and 820 ft. from E line of sec. 9

SE¹ Sec. 9 42S 26E SLM

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Marble Wash Area San Juan Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4762 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled to 1700'; set 8-5/8", 24#, J-55, ss. S.T. & C., 8R thd. casing at 1699' w/ 370 sx 50-50 Pozmix w/ 1#/sk Tufplug, 1#/sk Flo-seal, plus 100 sx regular cement. Cement circulated. Plug down @ 2:45 AM 8-13-63. An additional 30 sx of regular cement was pumped down the top of the well head to keep the annulus full. After approx. 36 hrs. W.O.C. the casing was tested satisfactorily to 1000#. After drilling the plug, careful observation showed an effective water shut off. Approx. 65' of cement had been left in the casing.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TIDEWATER OIL COMPANY

Address Box 1960
Durango, Colorado

Orig. & 2cc: U.S.G.S., Farmington, N.M.

2cc: Utah O&G Comm. - Salt Lake

1cc: Midland, Texas - Tidewater

1cc: File

By H. J. Tuffly

Title Area Superintendent

Copy to NHC

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-B714.4

Contract

ALLOTTEE **Superior & Humble**
TRIBE **Navajo**
LEASE NO. **14-20-603-365**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1963,

Agent's address Box 1960 Company Tidewater Oil Co.
Durango, Colo. Signed H. J. Tuffly

Phone 247-1175 Agent's title Area Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE/4 of SE/4 of Sec. 9	42S	26E	1							Spudded Navajo A#1 on 8/9/63, Set 13- 3/8" @ 107' w/125 sx. Set 8-5/8" @ 1699 w/650 sx. On 8/31/63 the well was being drilled @ 5449' in lime & Shale.
Orig. & 1 ✓2 1 1	CC	-	USGS, Roswell, P.O. Box 1857 Utah O & G CC Salt Lake Tidewater - Midland File							

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

CORE LABORATORIES, INC.
Petroleum Research Laboratories
DALLAS, TEXAS

Page No. 1

CORE ANALYSIS RESULTS

Client: FIDELITY OIL COMPANY
Well: NAVJO #1
Location: WILCOX
State: OKLAHOMA
Formation: NEWARK
Core Type: DIAMOND CONV.
Drilling Fluid: WATER BASE MUD
Log: 4745 DF
Date: 9-17-63
File: RP-3-1811
Date Report: 9-6-63
Analyst: McCOMBS

Lithological Abbreviations

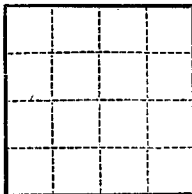
SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARREYS	POROSITY PERCENT	RESIDUAL OIL SATURATION PERCENT	TOTAL WATER	SAMPLE DESCRIPTION AND REMARKS
1	5879-80	0.01	0.3	0.0	64.6	ANHYDRITE
2	5880-81	0.01	6.0	46.7	38.4	LIMESTONE
3	5881-82	0.8	9.0	32.2	27.8	LIMESTONE
4	5882-83	0.01	0.3	0.0	64.6	ANHYDRITE
5	5883-84	0.10	9.1	41.8	35.6	DOLOMITE
6	5884-85	0.16	16.5	41.2	20.6	DOLOMITE
7	5885-86	0.23	11.4	50.0	28.3	DOLOMITE
8	5886-87	0.13	6.9	24.6	40.0	DOLOMITE
9	5887-88	0.10	5.4	27.8	35.0	DOLOMITE
10	5888-89	0.12	13.5	32.3	22.1	DOLOMITE
11	5889-90	0.12	13.9	32.1	27.0	DOLOMITE
12	5890-91	0.10	16.7	37.7	35.9	DOLOMITE
13	5891-92	0.03	16.4	39.0	14.0	DOLOMITE
14	5892-93	0.28	19.7	41.6	11.1	DOLOMITE
15	5893-94	0.07	13.5	18.3	12.6	DOLOMITE
16	5894-95	0.03	10.1	59.3	21.8	DOLOMITE
17	5895-96	0.02	5.4	9.2	23.5	DOLOMITE
18	5896-97	0.01	2.2	0.0	30.0	DOLOMITE

5879-5883 This interval is essentially non-productive.

5883-5895 This interval is typical of an intercrystalline porosity zone, with good porosity (13.6% average) Residual Oil Saturations (39.8% average) and Total Water Saturations (25.8% average) all being within the limits of oil production. However, the permeability is low (0.13 md/ft average) which means that commercial rates of production would be difficult to maintain.

5895-5897 This interval is essentially non-productive.

POOR COPY



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R359.4.

Indian Agency **Window Rock,**
Arizona
Superior & Humble
Allottee **Contract**
Lease No. **14-20-603-365**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 19, 19 **63**

Well No. **1** is located **820** ft. from **[N]** line and **820** ft. from **[E]** line of sec. **9**

SE 1/4 Sec. 9 **428** **26E** **SLM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Marble Wash Area **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4745** ft. (corrected elevation)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled to 5729', ran & set 4 1/2", 11.6#, J-55, Ss, 8 R Thrd casing @ 5929'. Cemented w/250 sx. Plug down @ 10:45 P.M., 9/7/63. Forty feet of cement was left in the casing. The casing was perforated from 5722-5736 with 28 jet charges. The perforated zone swabbed 4 bbls. of salt water per hour and was squeezed off with 50 sx. of cement to 5000# pressure, 100' of cement was left in the casing. The cement was drilled out to 5728' and swab tests indicated effective water shut off. The squeeze job was performed on 9/12/63.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

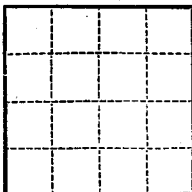
Company **Tidewater Oil Co.**
Box 1960, Durango, Colo.

Address.....

Orig. & **2 CC USGS, Farmington**
2 CC Utah OSGCC - Salt Lake
1 CC Midland
1 CC File

By **H. J. TUFFLY**

Title **Area Supt.**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R359.4.

Indian Agency **Window Rock**
Arizona
Superior & Humble
Allottee **Contract**
Lease No. **14-20-601-365**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 19, 19 **63**

Well No. **1** is located **820** ft. from **SM** line and **820** ft. from **E** line of sec. **9**

SE 1/4 Sec. 9

(1/4 Sec. and Sec. No.)

42S

(Twp.)

26E

(Range)

SLM

(Meridian)

Marble Wash Area

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is **4745** ft. (**Corrected Elevation**)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Perforated from 5712-5722 w/20 jets. Swabbed dry, perforated from 5722-5727 w/10 jets, swabbed dry, Acidized w/500 gallons MCA from 5712-27 on 9/16/63. Swabbed 40 bbls. of new oil and 235 bbls. of salt water in 22 hrs. Preparing to test with pumping unit.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Tidewater Oil Co.**

Address **Box 1960, Durango**

ORIGINAL SIGNED BY
H. J. TUFFLY

Orig. & 2CC USGS Farmington

2 CC Utah O&G CC Salt Lake

1 CC Midland

1 CC File

By

Title **Area Supt.**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 48-2774 **Contract**

ALLOTTEE **Superior & Humble**
TRIBE **Navajo**
LEASE NO. **14-20-603-365**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1963

Agent's address P. O. Box 1960 Company Tidewater Oil Company
Durango, Colorado Signed H. J. Truffly

Phone 247-1175 Agent's title Area Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE¼ of SE¼ of Sec. 9	42S	26E	1	3	0	-	0	-	300	Drilled to T.D. of 5929'. Set 4½" csg. Acidized perforations 5712- 5727'. Put on pump on 9-28-63. On 9-30-63 the well was pumping 100 bbls of salt water per day with no oil or gas.
Orig. &	1 cc.	U.S.G.S., Roswell, New Mexico - Box 1857								
	2 cc.	Utah O. & G. Comm. Salt Lake City								
	1 cc.	Tidewater - Midland								
	1 cc.	File								

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy D. W. ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R714.4

ALLOTTEE **Superior & Humble**
TRIBE **contract Navajo**
LEASE NO. **14-20-603-365**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1963,

Agent's address Box 1960 Company Tidewater Oil Co.

Durango, Colo. Signed M. J. Tuffly

Phone 247-1175 Agent's title Area Supt.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE/4 of SE/4 of Sec. 9	42S	26E	1	22	0				3300	This well pumped 100% salt water for 22 days in October, at which time a workover commenced. The well was being re- worked on 10/31/63
Orig. &	1 CC	USGS - Roswell								
	2 CC	Utah O&G CC - Salt Lake ✓								
	1 CC	Midland								
	1 CC	File								

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy 8-11-63

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R714.4

ALLOTTEE **Superior & Humble**
TRIME **contract Navajo**
LEASE NO. **14-26-603-365**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1963.

Agent's address Box 1960 Company Tidewater Oil Co.

Durango, Colo. Signed H. J. Tuffly H. J. TUFFLY

Phone 247-1175 Agent's title Area Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE/4 of SE/4 of Sec. 9	42S	26E	1	22	0				3300	This well pumped 100% salt water for 22 days in October, at which time a workover commenced. The well was being re-worked on 10/31/63
<div style="position: relative;"> <div style="position: absolute; top: 10px; left: 10px;"> <i>11-22-63</i> <i>11-22-63</i> </div> <div style="position: absolute; bottom: 10px; left: 10px;"> <i>11-22-63</i> </div> </div>										

Orig. & 1 CC **USGS - Roswell**
 2 CC **Utah O&G CC - Salt Lake** ✓
 1 CC **Midland**
 1 CC **File**

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN _____
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-365	
2. NAME OF OPERATOR Tidewater Oil Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo-Superior & Mumble Contract	
3. ADDRESS OF OPERATOR Box 1960, Durango, Colo.		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 820' from S. & E. L. Sec. 9		8. FARM OR LEASE NAME Navajo "A"	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4745' DF		10. FIELD AND POOL, OR WILDCAT wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T. 42S., R. 26E. 24N	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well is uneconomical. 100% salt water was swabbed from the Ismay perforations 5715-5717 and one-third of a bbl. of oil per hour from the Desert Creek perforations 5885-5895. A bridge plug @ 5830' with cement back to 5838 isolates the Desert Creek. We propose to plug and abandon this well, conditions and procedure to be as follows:

1. Squeeze off the Ismay perforations 5715-5717 with 25 cu of cement.
2. Cut off all recoverable 4 1/2" casing with a jet cutter.
3. Place a 100' cement plug into and over the casing stub.
4. Place a 100' cement plug across the top of the Hermosa @ 4700'.
Approximately 4650-4750 (depending on location of casing stub)
5. Place a 100' cement plug across the top of the DeChelly formation @ 2840' (from approx. 2790 to 2890)
6. Place a 100' cement plug across the 8-5/8" casing shoe @ 1699'. From approx. 1749 to 1649'.
7. Cut off the well head, weld a plate across the top of the 13-1/8" and 8-5/8" casings and install a dry hole marker.

18. I hereby certify that the foregoing is true and correct

SIGNED **AA TUFFLY**

TITLE **Area Supt.**

DATE **11/9/63**

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-685229

Casing to be left in well.

8-5/8" @ 1699', cement circulated to surface.

13-3/8" @ 107'

Geological Tops

Wingate - 1640'
Chinle - 1880'
Shinarump - 2610'
DeChelly - 2840'
Organ Rock - 3015'

Harmosa - 4700'
Bluff - 5682'
Ismay - 5710'
Desert Creek - 5818'

The hole will be filled with mud between plugs.

Cement placement will be via displacement down tubing.

Orig. & 4 CC: USGS - Farmington
2 CC Utah OSGCC - Salt Lake ✓
1 CC Midland
1 CC File

DEC 5 1963

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT (Other instructions on reverse side) ICATE*

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-363

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Navajo-Superior &
Humble Contract**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo "A"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA**Sec. 9, T. 42S., R. 26E.**

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1.

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Tidewater Oil Co.

3. ADDRESS OF OPERATOR

Box 1960, Durango, Colo.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface **820 ft. from S.&E.L. Sec. 9**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4745' D.F

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well swabbed 100% salt water from the Ismay perforations 5715-5717 and one-third of a bbl. of oil per hour from the Desert Creek perforations 5885-5895. A bridge plug @ 5850 with cement back to 5838 isolates the Desert Creek. The Ismay was squeezed to 4000# with 25 sx of cement. The 4 1/2" casing was cut off @ 4848'. A 75 sack cement plug was laid from 4901-4618'. A 35 sack cement plug was laid from 2890-2776 (covering the DeChelly). A 35 sack cement plug was laid from 1751-1641. 8-5/8" casing is set @ 1699' with cement to the top. 13-3/8" casing was set @ 107' with cement to the top. The well head was removed and a 3/8" steel plate was welded across the top of the 13-3/8" & 8-5/8" casings completely sealing the well. A dry hole marker was welded on top of the plate. The well was plugged & abandoned as of 1:30 PM 11/12/63, because it was uneconomical to produce. The hole was filled with 10.7# Mud to the top. Permission to plug had been obtained from the U.S.G.S. and State of Utah.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Area Supt.

DATE

11/13/63

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Orig. & 2 CC USGS Farmington

2 CC Utah O&GCC Salt Lake ✓

1 CC Midland

1 CC File

*See Instructions on Reverse Side

November 14, 196

PWB
EW

MEMO FOR FILING:

Re: Tidewater Oil Company
Navajo A-#1
Sec. 9, T. 42 S. R. 26 E.,
San Juan County, Utah

On November 9, 1963, verbal approval was given to Mr. H. J. Tuffly to plug the above mentioned well in the following manner:

- 1) From 5715'-5717' the perforations will be squeezed with cement into the Ismay Formation. An attempt will be made to cut approximately 5000' of 4 1/2" casing and a plug will be placed across the stub (free-point). However, if the DeChelly Formation is exposed a 100' plug will be placed across it.
- 2) A 100' cement plug will be placed half in and half out at the base of the 8 5/8" surface casing set at 1699'. The remainder of the hole will be left open for future water use by the Navajo Tribe. This was requested by the U. S. Geological Survey.

It should be noted that a marker will be attached to the top of the 15 3/8" conductor string set at a 100', but no cement will be used at the surface.

The 4 1/2" casing was set at the Total Depth and a bridge plug was placed at 5850' with cement on the top of it to 5830'. This plug is on top of the Desert Creek Porosity (5885'-5895'). The Total Depth of the well is 5929'.

The operator listed the following Electric Log Tops:

Wingate	1640'	(Fresh water flow)
Chinle	1880'	
Shinarump	2610'	
DeChelly	2840'	(Salt Water)
Organ Rock	3015'	
Hermosa	3700'	
Ismay	5710'	
Desert Creek	5810'	

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:kgw

cc: F. T. Mayo, Resources Engineer
State Engineer's Office
Salt Lake City, Utah

H. L. Coonts, Petroleum Engineer
Oil and Gas Conservation Commission
Moab, Utah

P.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BUILDING
SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Navajo "A" 1 P.O. BOX 1960
Operator Tidewater Oil Co. Address Durango, Colo. Phone 247-1175
Contractor Mesa Drillers Address Cortez, Colo. Phone 565-9451
Location: SE 1/4 SE 1/4 Sec. 9 T. 42 N. R. 26 E San Juan County, Utah.
S #

Water Sands:

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	650	1000	Unknown	Fresh
2.				
3.				
4.				
5.				

(Continued on reverse side if necessary)

Formation Tops:
Navajo 550'
Kayenta 700'
Wingate 925'

Remarks: Four broken sands were encountered from 650' to 1000'. A substantial water flow to the surface developed, but no measurements could be taken. These sands were encountered on or about 8-11-63.

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

Orig. & 1 cc - Utah O&G Comm. Salt Lake City, Utah
1 cc - Midland
1 cc - File

Drillers Log: (Continued)

630' to 930' Sand and Shale
930' to 1320' Sand

Rule C-20 REPORTING OF FRESH WATER SANDS

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Commission all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered, and the thickness of such sands, and the rate of flow of water if known.

SEP 3 1963

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DI

Instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Tidewater Oil Co.

3. ADDRESS OF OPERATOR

Box 1960, Durango, Colo.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **820' from S.&E.L. of Sec. 9**At top prod. interval reported below **1 1/2° Maximum Deviation**

At total depth

14. PERMIT NO.

DATE ISSUED

7/24/63

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

15. DATE SPUDDED

8/9/63

16. DATE T.D. REACHED

9/5/63

17. DATE COMPL. (Ready to prod.)

Abandoned 11/12/63

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4745' DF

19. ELEV. CASINGHEAD

4738'

20. TOTAL DEPTH, MD & TVD

5929' MD

21. PLUG, BACK T.D., MD & TVD

1641'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0-5929

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Plugged & Abandoned

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sonic-Gamma Ray, Induction-Electric

27. WAS WELL CORED

yes, 5850-5902

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48	107'	17"	125 Sx	None
8 5/8"	24	1699	11"	650 Sx.	None
4 1/2"	11.6	5929	7-7/8"	250 Sx.	4848

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

5885-5895 - 20 jets**5736-5712 @ 48 jets**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5885-5895	4500 gallons of Acid
5736-5712	1500 gallons of Acid
5736-5712	Squeezed w/225 Sx Cement

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/16/63		Swabbing thru 2" tubing				Now P & A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
/17/63	22	2"	→	40		235	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	0	→	44		256	39	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric logs and core analysis

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Area Superintendent

DATE

11/14/63

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

This well recovered approximately 160 bbls. of oil by swabbing during completion attempt; it then went to 100% water and was plugged and abandoned on 1/12/63.

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ismay	5712	5765	DST. Tool open 2½ hrs. Recovered gas in 3 min. Mud in 1½ Hr. Oil show in 1-3/4 hr. Clean oil (39°) in 2½ hr. Flowed at estimated rate of 5 bbls. of oil/hr. No cushion. Initial SIP (1 hr.)-2323#. IFP 617#, FFP 1561# FSIP 2189#(1 hr.). Reversed out 5600' of oil & gas and one bbl. salt water.	Wingate Chinle Shinarump DeChelly Organ Rock Hermosa Bluff Ismay Desert Creek	1640 1880 2610 2840 3015 4700 5622 5710 5818	
Desert Creek	5850	5902	Cored 52' & recovered 52' of Dolomite, analysis attached.			
Orig. & 3 CC: USGS-Farmington w/2 CC of logs & core 2 CC Utah O&G CC w/1 CC of logs & Cores ✓ 1 CC Midland 1 CC File						

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-B714-1
Contract
Superior & Mumble
ALLOTTEE
TRIBE **Navajo**
LEASE NO. **14-20-003-365**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1963,

Agent's address P.O. Box 1960 Company Tidewater Oil Company
Durango, Colo. Signed M. J. Tuffly M. J. Tuffly

Phone 247-1175 Agent's title Area Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE/4 SE/4 Sec. 9	42S	26E	1	3	5	39	-0- TSTM	-0-	300	
<p>Remarks: Final report, Well plugged and abandoned 11/12/63</p> <p>The 110 bbls. of oil sold and not produced in November, was on hand, having been produced in September, 1963. It was inadvertently omitted from the Form 9-329A submitted for September.</p>										
Orig	& 1	CC	-	USGS - Roswell						
	2	CC		Utah O & GCC - Salt Lake						
	1	CC		Midland						
	1	CC		File						

NOTE.—There were 115 bbls. runs or sales of oil; none M. cu. ft. of gas sold;
none runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT 1. ... ICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-365

6. IS INDIAN, ALLOCATED, OR TRIBE NAME
Navajo, Superior & Mumb
Contract

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Tidewater Oil Co.		8. FARM OR LEASE NAME Navajo "A"	
3. ADDRESS OF OPERATOR Box 1960 Durango, Colo.		9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 820 ft. from S. & E. L. of Sec. 9, T.42S, R. 26E., SLM		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T.42S, R.26E SLM	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4745' DF		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

After initial completion work this well was test pumped from September 28 to October 22, 1963 with recovery of 100% salt water with small show of gas and no oil. Workover was started on 10/23/63. The Ismay perforations from 5712-5727 were squeezed off with 100 sx. of cement. The Desert Creek was perforated from 5885 to 5895 and acidized with 500 gallons of mud cleanout acid & 4000 gallons of retarded acid. This zone swabbed oil at the rate of 5 bbls. in 15 hours or 8 BOPD. A bridge plug was set @ 6850 with cement back up to 5838. Re-perforated the Ismay @ 5717 by the Abrasijet method. Acidized with 500 gallons. Mud cleanout Acid. The well swabbed 100% soft water. Squeezed with 50 sx of cement. Reperforated from 5715-5717 with jets. Swabbed dry and acidized with 500 gallons Mud clean out acid. The well swabbed 100% salt water.

18. I hereby certify that the foregoing is true and correct

SIGNED A. J. Truffly TITLE Area Superintendent DATE 11/15/63
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Orig. & 2 CC USGS, Farmington
2 CC Utah O&GCC Salt Lake ✓
1 CC Midland
1 CC File

*See Instructions on Reverse Side

November 18, 1963

Tidewater Oil Company
Box 1960
Durango, Colorado

Re: Well No. Navajo 'A' - #1
Sec. 9, T. 42 S, R. 26 E.,
San Juan County, Utah

Gentlemen:

We are in receipt of your well log, U. S. Geological Survey Form 9-330, for the above mentioned well, where you indicated that a directional survey was made. We would appreciate it very much if you could furnish this office with a copy of this survey. Also, we notice that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible. Thank you for your cooperation in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Enclosure - Forms

Tidewater Oil Company



Box 1960

Durango, Colorado

J. D. DIVELEISS, Manager

Four Corners
Exploration District

November 21, 1963

Utah Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah

Attention: Clarella N. Peck
Records Clerk


Gentlemen:

The only directional survey run on the Tidewater Navajo A #1, Sec. 9, T. 42 S., R. 26 E., San Juan County, Utah was the usual TOTCO type of deviation observation. An Eastman directional survey showing compass direction was not run, therefore, we have no copy as such of any survey. The original Totco charts have probably been lost by now, however, a record of the deviation observations is shown below.

<u>Depth in Feet</u>	<u>Degrees Deviation fr/vertical</u>
131	1/4
300	1/4
945	1/2
1517	1/2
2145	1/2
2512	3/4
2941	1
3262	1 1/4
3721	1 1/4
4649	3/4
5041	3/4
5318	3/4
5824	1/2

Very truly yours,

TIDEWATER OIL COMPANY


H. J. Tuffly
Area Superintendent

HJT:yc